Annual Noxious Weed Eradication Progress Report 2020 as required by KSA 2-1316



Gray County Noxious Weed Dept

Noxious Weed Supervisor:

Tim Brown

Ending Balance

Name	Job Title	% Time Spent of Noxious Weeds	
TIM BROWN	WEED DIRECTOR	100	\$3,187.50
CHRIS SHRINER	Helper	20	
STEVE TOMPSON	Helper	25	
Financial Summary - Noxious Weed	l Fund		Amount
Mil levy for 2020			0.987
County valuation for 2020			\$110,572,983.00
Beginning Budget Balance for 2020			\$155,000.00
Revenues			
Chemical Sale		\$41,800.83	
Chemical Sale		\$73,015.79	
Total Revenue			\$114,816.62
Expenditures			
Chemical		\$113,748.58	
Commodities		\$18,583.32	
Contractual		\$6,334.17	
Total Expenditures			\$138,666.07
		Ending Budget Balance	\$0.00
Carryover to next year's budget for 20	020 to 2021		\$89,349.72
Capital Outlay Fund			Amount
Beginning Balance			\$36,317.00
Receipts			\$0.00
Expenditures			\$0.00

\$36,317.00

Annual Noxious Weed Eradication Progress Report

Gray County Noxious Weed Dept

Year **2020**



Noxious Weed	Private	County	Township	State	Federal	City	Total
Bull Thistle	1.1	Total Land					1.1
Bur Ragweed	6433.7	500.0	1.0	30.0	5.0	3.0	6972.7
Field Bindweed	18365.6	1200.0	5.0	600.0	20.0	10.0	20200.6
Hoary Cress				0.1			0.1
Johnsongrass	3386.1	150.0			10.0	1.0	3547.1
Musk Thistle	711.2	0.5		0.0	0.1	1.0	712.8
SERICEA LESPEDEZ	0.0						0.0
Totals	28897.7	1850.5	6.0	630.1	35.1	15.0	31434.4

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bull Thistle					0.5	0.6				1.1
Bur Ragweed	1516.8	321.4	43.2	470.3	1600.0	1159.5	522.5	750.0	50.0	6433.7
Field Bindweed	1110.8	500.0	76.8	700.0	4200.0	4645.3	1323.6	5609.1	200.0	18365.6
Johnsongrass	128.9	557.5	67.8	268.0	609.2	484.4	159.2	1061.1	50.0	3386.1
Musk Thistle	0.1				200.0	455.7	50.1	0.3	5.0	711.2
SERICEA LESPEDEZ					0.0		7,			0.0
Totals	2756.6	1378.9	187.8	1438.3	6609.7	6745.5	2055.4	7420.5	305.0	28897.7

Weeds declared Noxious by the County:

Multiflora Rose

Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D Amine	\$14.14	\$10.60	473.317 gal
2-4 D Ester	\$16.88	\$12.66	241.195 gal
2-4 D, DICAMDA	\$45.00	\$35.00	2.500 gal
Aminopyrrolyid	\$76.92	\$57.69	30.962 QT
Dicamba	\$32.49	\$24.37	40.000 gal
Glyphosphate	\$15.00	\$11.25	21.000 gal
IMAZAPIC	\$104.49	\$78.37	20.062 gal
MCPA+TRICLOPYR+ Dicamba	\$67.88	\$50.89	10.000 gal
Pendimenthlion:N-ETHYLPORPYL-3,4-DIMETHYL-2,6-DINI	\$63.65	\$47.74	15.000 gal
Picloram	\$45.19	\$33.89	577.429 gal
QUINCLORAC	\$163.70	\$122.78	331.240 gal
Simazine	\$15.50	\$11.63	2.500 gal
Sulfometuron Mythl	\$2.57	\$1.80	250.066 oz

Enforcement Summary

Warning Notices	0
Legal Notices	0
Court Cases	0

Diversion Agreements	0
Accounts to Tax Roll	0
Meetings Sponsored	0

Demonstration Plots	0
Feed and Hay Inspection	0
Publish General Notice	1

Enforcement Comments:

We certify this is a correct copy of the Gray County Noxious Weed Dept Program for 2020 We certify that Tim Brown is employed as Gray County Noxious Weed Dept Director for 2021

Mark Burk	1-15-2021		
Chairman Board of County Commissioners	Date	County Commissioner	Date
Glenn Kylen	1-15-2021		
County Commissioner	Date	County Commissioner	Date
County Commissioner	Date	County Noxious Weed Director	Date

Annual Noxious Weed Eradication Progress Report Treatment Summary

Gray County Noxious Weed Dept

Acres Treated

	Musk Thistle	Johnsongrass	Field Bindweed	Noxious Weed
Totals				
Totals 6799.5638	233.8098	0	6565.754	Private
1042.87	manuscher descriptions (commenced to the commenced to the	103	939.87	
	And the second of the second o			Township
875.77		62	813.77	State
				Federal City Cost Share
				City
	CALLEGATION OF THE PROPERTY OF			City Cost Share
8718.2038	233.8098	165	8319.394	Total

80 6799.5638	80	75 5974.691	75	316.259 333.6138	316.259				20	Totals
3 233.8098	ω	THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER	2	10.859 217.9508	10.859			and a decided and a second of the second of		Johnsongrass Musk Thistle
6565.754	77	73 5974.691	73	115.663	305.4				20	Field Bindweed
Total	Non-Ag	Fallow	Other	Pasture	CRP	Grain	Corn Soybean	Corn	Wheat	Noxious Weed
							b-section	_and su	ո Private I	Acres Treated on Private Land sub-section
		8718.2038				875.77		1042.87	Totals 6799.5638	Totals
			TA COLUMN TO THE PARTY OF THE P							

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Field Bindweed

47.3 3.3 10.0												
47.3 3.3							10.0				,	TORDON1PT LV6 MILESTONE ESCO
47.3			3.3									QUINCLORAC LV6
				10.0	37.3							QUINCLORAC 24D
3501.2			26.7	3328.5	113.0	32.0	1.0					Quinclorac
2593.5	10.0	530.0	505.9	480.1	655.7	136.2	265.7	10.0				Picloram + 2-4 D
1480.0		160.0			800.0	40.0	480.0					Picloram
11.0	11.0											IMAZAPIC 24D
6.0								6.0				Imazapic
10.0							10.0					Glyphosate
40.0				40.0								Dicamba +TORDON
240.0				240.0								Dicamba + 2-4 D+Picloram
52.0									52.0			Dicamba + 2-4 D
40.0						40.0						Dicamba
29.0			3.0	10.0	13.0	3.0						2-4 D CHOLINE
256.0			256.0									2-4 D Amine or LV Ester
0.0				0.0	0.0		0.0	0.0				2-4 D Amine
Totals	November December:	October No		August September	July	June	May	April	March	February	January	Approved Herbicides and Methods
8319.4	21.0	690.0	794.9	4108.6	1619.0	251.2	766.7	16.0	52.0		(D	Total Acreage
813.8		35.8	415.8	241.7	120.5							State
20.0				20.0								Private Wheat
115.7			3.0		50.3	43.0	13.3	6.0				Private Pasture
73.0	11.0						10.0		52.0			Private Other
77.0				75.0	1.0		1.0	0.0				Private Non-Ag
5974.7		480.0	357.8	3440.2	1124.7	92.0	480.0					Private Fallow
305.4				283.4			22.0					Private CRP
939.9	10.0	174.2	18.3	48.3	322.5	116.2	240.3	10.0				County
Totals	October November December:	October No	August September	August S	July	June	May	April	March	February	January	Acreage Treated
0												Diversion Agreements
0												Court Cases
0												Legal Notice
0												Warning Notice
Totals	October November December:	October No	August September	August S	July	June	May	April	March	February	January	Enforcement

2020

Johnsongrass

Enforcement January February March April May June July August September October November December: Totals Legal Notice Legal Notice Legal Notice 1 4	165.0	8.0	32.0	22.0	48.0	40.0	15.0						Total Acreage
Sement Sement January February March April May June July August September October November December: Ing Notice Notice Cases Sion Agreements February March April May June July August September October November December: Ing Notice Cases Sion Agreements February March April May June July August September October November December: Ing Notice Total Acreage Total Acreage Total Acreage Total Acreage February March April May June July August September October November December: Ing Notice Total Acreage T	62.0			22.0	32.0	8.0							NORAMIC
Sement January February March April May June July August September October November December: ing Notice Notice Cases Sion Agreements Total Acreage Total Acreage Total Acreage Total Methods January February March April May June July March April May June July March April May June July August September October November December: 15.0 40.0 32.	96.0	8.0	32.0		16.0	32.0	8.0						zapic
Sement January February March April May June July August September October November December: Ing Notice Notice Cases Sion Agreements Generated January February March April May June July August September October November December: Ing Notice Generated January February March April May June July August September October November December: Ing Notice Generated January February March April May June July August September October November December: Ing Notice Generated January February March April May June July August September October November December: Ing Notice January February March April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April May June July August September October November December: Ing Notice April	7.0						7.0						phosate
Sement January February March April May June July August September October November December: Ing Notice Notice Cases Sion Agreements January February March April May June July August September October November December: Ingertreated January February March April May June July August September October November December: Ingertreated January February March April May June July August September October November December: Ingertreated January February March April May June July August September October November December: Ingertreated			October	eptember	August S	July	June	May		March		January	roved Herbicides and Methods
Sement January February March April May June July August September October November December: Ing Notice Cases Sion Agreements Ge Treated January February March April May June July August September October November December: 15.0 40.0 16.0 24.0 8.0 Ge CRP Ge CRP January February March April May June July August September October November December: 15.0 40.0 16.0 24.0 8.0 32.0 22.0 8.0	165.0	8.0	32.0	22.0	48.0	40.0	15.0						Total Acreage
ment January February March April May June July August September October November December: g Notice otice asses n Agreements Treated January February March April May June July August September October November December: 15.0 40.0 16.0 24.0 8.0 0.0 0.0	62.0		8.0	22.0	32.0								Ō
ment January February March April May June July August September October November December: g Notice otice ases n Agreements Treated January February March April May June July August September October November December: - 15.0 40.0 16.0 24.0 8.0	0.0					0.0							ate CRP
January February March April May June July August September October November December: nents January February March April May June July August September October November December: -	103.0	8.0	24.0		16.0	40.0	15.0						nty
January February March April May June July August September October November December:	Totals	November December:	October	eptember	August S	July	June	May	April	March	February	January	eage Treated
January February March April May June July August September October November December: .	0												ersion Agreements
January February March April May June July August September October November December:	0												rt Cases
January February March April May June July August September October November December:	0												al Notice
January February March April May June July August September October November December:	0												ning Notice
	Totals	November December:	October	eptember	August S	July	June	May	April	March		January	prcement

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Musk Thistle

	Tordon 24D Escort Milestone	Picloram + 2-4 D	Picloram	MILLESTONE LV6 GARDIAN	MILESTONE ESCOURT TORDON 1PT	MILESTONE ESCORT	24D LV6 Tordon pt	2-4 D Amine or LV Ester	Approved Herbicides and Methods		Private Pasture	Private Other	Private Non-Ag	Private CRP	Acreage Treated	Diversion Agreements	Court Cases	Legal Notice	Warning Notice	Enforcement
Total Acreage	tone			DIAN	TORDON 1PT				Methods	Total Acreage										
									January						January					January
									February						January February					January February
									March						March					March
									April						April					April
56.5			40.0					16.5	May	56.5	54.0			2.5	May					May
151.3	13.7	0.5			57.1	80.0			June	151.3	139.0	2.0	3.0	7.4	June					June
13.0					12.0			1.0	July	13.0	12.0			1.0	July					July
									August September						August September					August September
13.0				8.0			5.0		September October November December	13.0	13.0				October November December:					October November December:
233.8	13.7	0.5	40.0	8.0	69.1	80.0	5.0	17.5	er: Totals	233.8	218.0	2.0	3.0	10.9	er: Totals	0	0	0	0	er: lotals

Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

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		6972.7	3535.2	3437.5	Total Estimated Acerage	Total Es	145.4	
		1.0	1.0	0.0				Township
		30.0	30.0	0.0				State
		1516.8	1500.0	16.8			0.7	Private Wheat
		43.2	40.0	3.2			0.1	Private Soybean
		1159.5	0.0	1159.5			49.0	Private Pasture
		402.3	100.0	302.3			12.8	Private Other
		50.0	50.0	0.0				Private Non-Ag
		470.3	350.0	120.3			5.1	Private Grain Sorghum
		750.0	26.5	723.5			30.6	Private Fallow
		1600.0	729.7	870.3			36.8	Private CRP
		321.4	100.0	221.4			9.4	Private Corn
		120.2	100.0	20.2			0.9	Private ALFALFA
		5.0	5.0	0.0				Federal
		500.0	500.0	0.0				County
		3.0	3.0	0.0				City
Note		Acreage After Adjustment	Weed Director's Adjustment	Estimated Acreage	County Acres 459120	Acres Surveyed 19415.25	Total Acreage Infested	
145.3611	46.477	15.0566		70.3035	7	13.524		Total Acreage Infested
0.709				0.685		0.024		Private Wheat
0.137		0.012		0.125				Private Soybean
49.031	12	7		20		10.031		Private Pasture
12.785	1.5			11		0.285		Private Other
5.0855	0.471	0.6425		3.972				Private Grain Sorghum
30.5965	14.625	4.0535		10.786		1.132		Private Fallow
36.802	13.5	ω		18.25		2.052		Private CRP
9.3611	3.789	0.3486		5.2235				Private Corn
0.854	0.592			0.262				Private ALFALFA
October November December: Totals		August September	June July	May	April	February March	January Feb	Bur Ragweed

Noxious Weed Survey Worksheet

Gray County Noxious Weed Dept

				0.0	1.1	Total Estimated Acerage	Total Es	0.0	
			0.6	0.0	0.6			0.0	Private Pasture
			0.5	0.0	0.5			0.0	Private CRP
	Note	After	Acreage After Adjustment	Weed Director's Adjustment	Estimated Acreage	County Acres 459120	Acres Surveyed County Acres 19415.25 459120	Total Acreage Infested	
0.044			0.02		0.024				Total Acreage Infested
0.024			0.012		0.012				Private Pasture
0.02			0.008		0.012				Private CRP
Totals	August September October November December:	September	August	June July	May Jı	April	ruary March	January February	Bull Thistle

Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

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	20200.6	8890.0	11310.6	Total Estimated Acerage	Total E	478.3	
	5.0	5.0	0.0				Township
	600.0	600.0	0.0				State
	1110.8	1000.0	110.8			4.7	Private Wheat
	76.8	65.0	11.8			0.5	Private Soybean
	4645.3	1565.2	3080.1			130.3	Private Pasture
	1200.0	195.0	1005.0			42.5	Private Other
	200.0	200.0	0.0				Private Non-Ag
	700.0	102.1	597.9			25.3	Private Grain Sorghum
	5609.1	3098.3	2510.8			106.2	Private Fallow
	4200.0	2071.7	2128.3			90.0	Private CRP
	500.0	-1342.3	1842.3			77.9	Private Corn
	123.6	100.0	23.6			1.0	Private ALFALFA
	20.0	20.0	0.0				Federal
	1200.0	1200.0	0.0				County
	10.0	10.0	0.0				City
Note	Acreage After Adjustment	Weed Director's Adjustment	Estimated Acreage	County Acres 459120	Acres Surveyed 19415.25	Total Acreage Infested	
478.306	87.425 157.595		233.036		0.25		Total Acreage Infested
4.6875			4.6875				Private Wheat
0.5	0.25		0.25				Private Soybean
130.25	46 35		49	OI.	0.25		Private Pasture
42.5	3.5		39				Private Other
25.286	1.512 2.4375		21.3365	4.			Private Grain Sorghum
106.175	16.163 54		36.012				Private Fallow
90	17 33		40				Private CRP
77.9075	6.5 28.9075		42.5				Private Corn
_	0.75		0.25				Private ALFALFA
October November December: Totals	August September	June July	May	April	February March	January Feb	Field Bindweed
						,	

Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

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Johnsongrass	January Fet	February March	April	May	June July	August September	nber October November December:	Totals
Private ALFALFA						0.00625	625	0.00625
Private Corn				9.537		4.012 5.7	5.7983	19.3473
Private CRP				12			10	25.762
Private Fallow		0.3125		7.6105		2.536 9.	9.038	19.497
Private Grain Sorghum				1.442			0.9116	2.8736
Private Other				1.5			_	2.5
Private Pasture				3.75		Οī	2	10.75
Private Soybean						0.12		0.12
Private Wheat				1.2235				1.2235
Total Acreage Infested		0.3125		37.063		15.95 28.75415		82.07965
	Total Acreage Infested	Acres Surveyed 19415.25	County Acres 459120	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note	
City				0.0	1.0	1.0		
County				0.0	150.0	150.0		
Federal				0.0	10.0	10.0		=
Private ALFALFA	0.0			0.1	5.0	5.1		
Private Corn	19.3			457.5	100.0	557.5		
Private CRP	25.8			609.2	0.0	609.2		
Private Fallow	19.5			461.1	600.0	1061.1		
Private Grain Sorghum	2.9			68.0	200.0	268.0		
Private Non-Ag				0.0	50.0	50.0		
Private Other	2.5			59.1	95.0	154.1		
Private Pasture	10.8			254.2	230.2	484.4		
Private Soybean	0.1			2.8	65.0	67.8		
Private Wheat	1.2			28.9	100.0	128.9		
	82.1	Total Es	Total Estimated Acerage	1940.9	1606.2	3547.1		

Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

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Musk Thistle	January February	ruary March	April	May	June July	August September	October November December:	Totals
Private Pasture				0.012		0.008		0.02
Total Acreage Infested				0.012		0.008		0.02
	Total Acreage Infested	Acres Surveyed 19415.25	County Acres 459120	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note	
City				0.0	1.0	1.0		
County				0.0	0.5	0.5		
Federal				0.0	0.1	0.1		
Private ALFALFA				0.0	0.1	0.1		
Private CRP				717.4	-517.4	200.0		
Private Fallow				0.0	0.3	0.3		
Private Non-Ag				0.0	5.0	5.0		
Private Other				0.0	50.0	50.0		
Private Pasture	0.0			0.5	455.2	455.7		
Private Wheat				0.0	0.1	0.1		
State				0.0	0.0	0.0		
	0.0	Total Es	Total Estimated Acerage	717.9	-5.1	712.8		